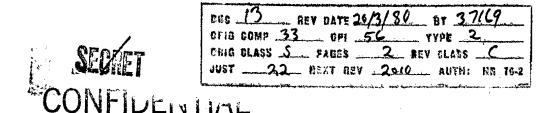
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To : The Files, Project	(RS-13)	DATE: 3 December 1954	50X1
FROM:			50X1
subject: Progress Report for M	onth of November		
l. Visits to the pla progress of the equipment deve and 18 November to discuss pro the purpose of comparing keyin the RS-13. The results of the	clopment. Visits we blems incident to to make and develop	ests being conducted for ing receiving methods for	50X1
Report of 24 November by		ot included with this paper.	50X1
2. On 29 November, the Lo of Contract XG-1029 and the ac which may now be delivered to	companying requisit:	ion for the RS-6A units,	
tions are that the time schedule the transmitter has been estable cubic content of 79 inches, exincluding two enclosed tubes.) reduced, as the use of special which are not now considered f	ale is being met. Tolished as 2 5/8 x 4 ccluding tubes. (The On a production be parts and technique ceasible on these ha	5/16 x 8 inches for a e RT-6 is 69 cu. in., asis, this size may be es would be justified, and-built prototypes. The	50X1
plug-in tuning assembly is sti the present size is too large,	all the object of co 1 1/8 x 1 1/2 x 4 been apprised of our ent is approximately in.) and has assur	nsiderable attention, as 1/2 inches (cubic content wishes to have a tuning that of a package of	50X1

4. An engineering model of the power supply has been constructed and tested. Electrically, the unit appeared satisfactory, although the configuration and size was not suitable. Later designs of power transformers have been made which will allow chassis designs of suitable configuration to be made. The desired size of the completed item is such that the entire unit, including the rectifiers, will be similar to that of the transmitter chassis. The selenium rectifier cells are arranged to deliver 600 and 300 volts to the transmitter from a single 600 volt transformer winding. No filament windings will be used, as the transmitter filaments will be in a series/parallel combination. A separate unit will be produced for the recharging of the batteries which will have a universal A.C. input and will operate from 70 to 240 volts and 40 to 400 cycles.



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Progress Report for Month of November

3 December 1954

5. Construction of the first engineering and should be completed by mid-December. Conthis unit on the drawing board and was approved unit fabrication. This item will closely and operation of the unit, but with will be reported after the first model has be	isiderable time was spent designing yed by the writer prior to start follow the size, configuration, certain minor improvements which	50X1	
6. has stated that a complete engineering model should be available for inspection and test by the first of the year.			
		50X1	

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